

FIG. 1

(PRIOR ART)

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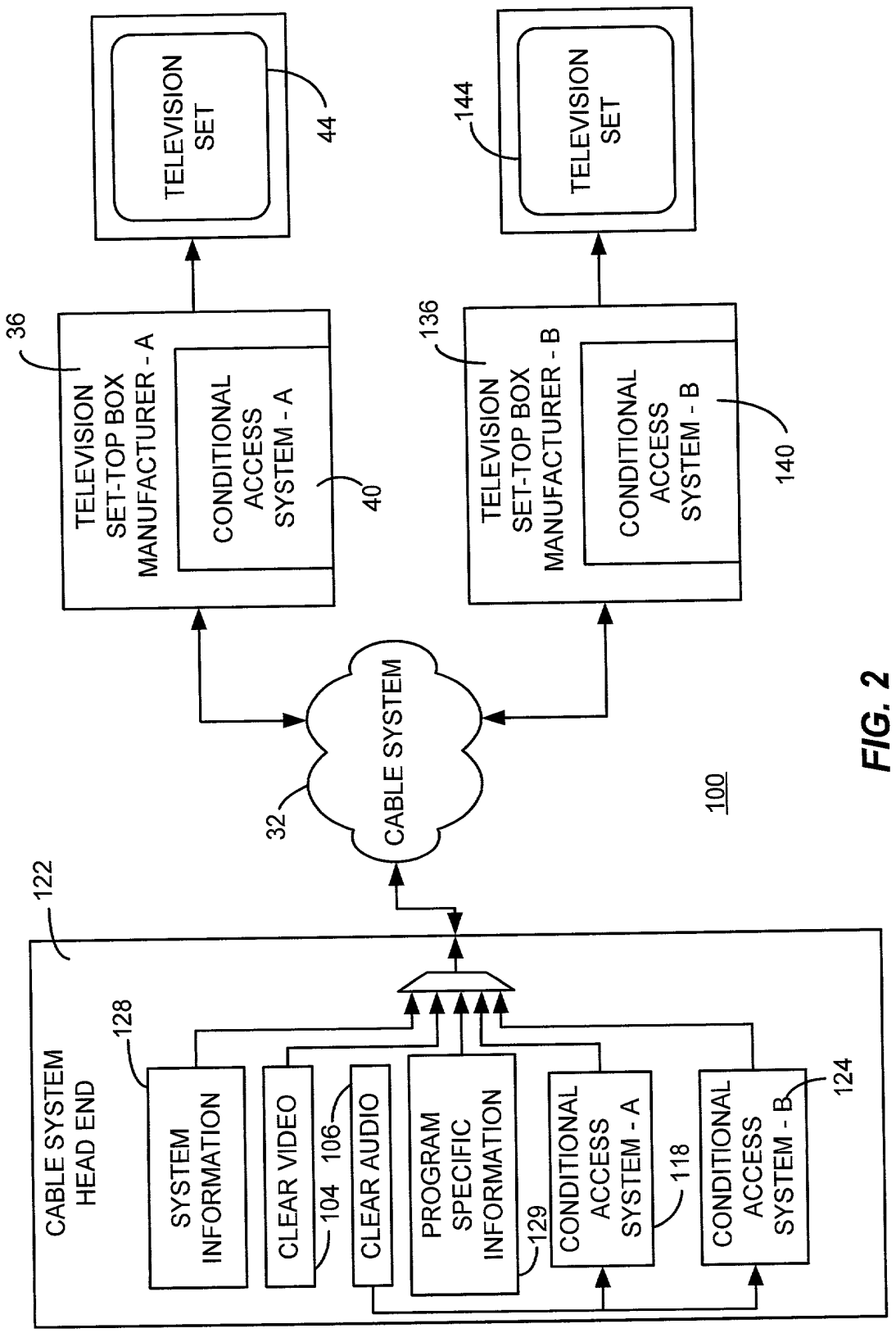


FIG. 2

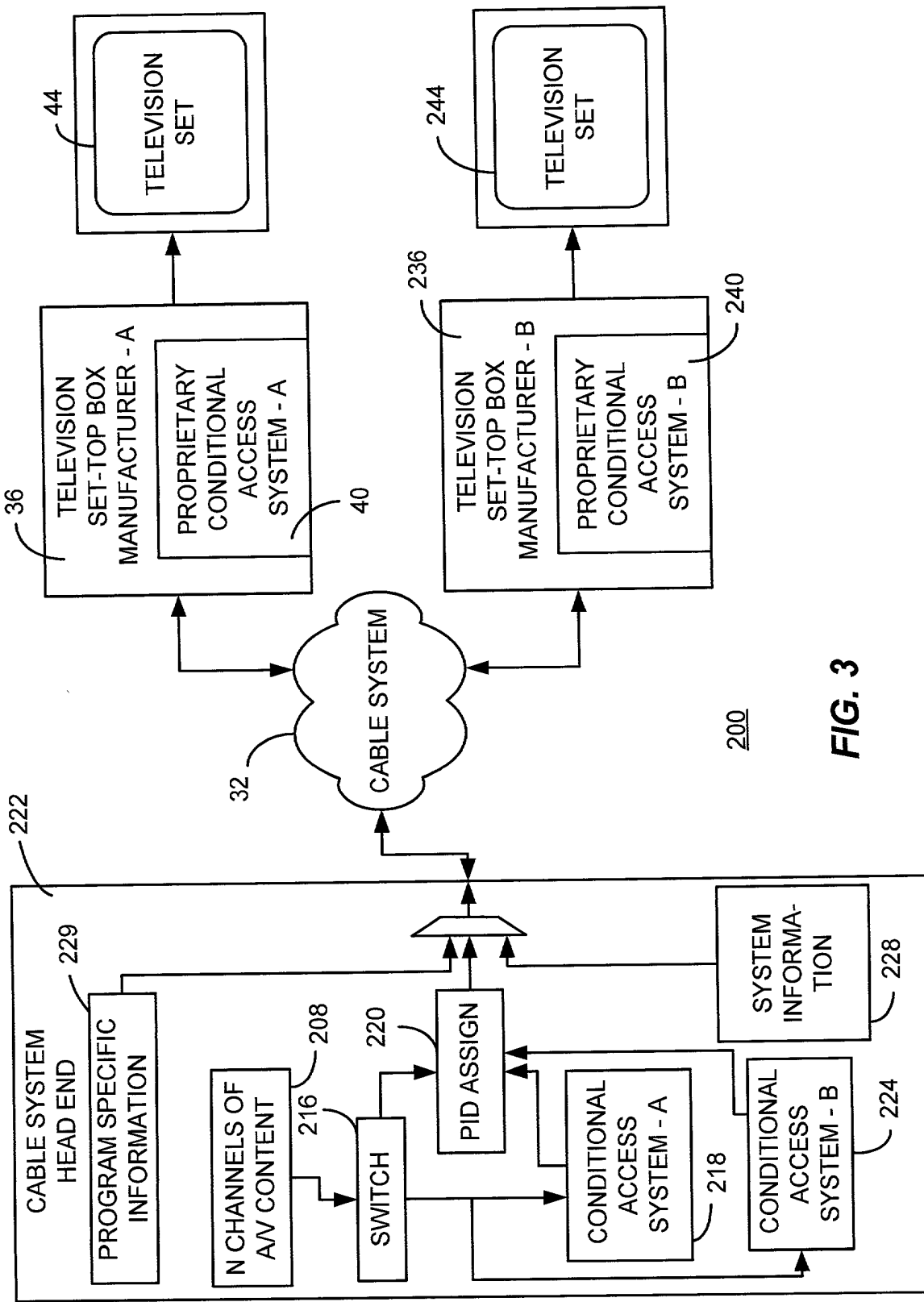


FIG. 3

FIG. 4

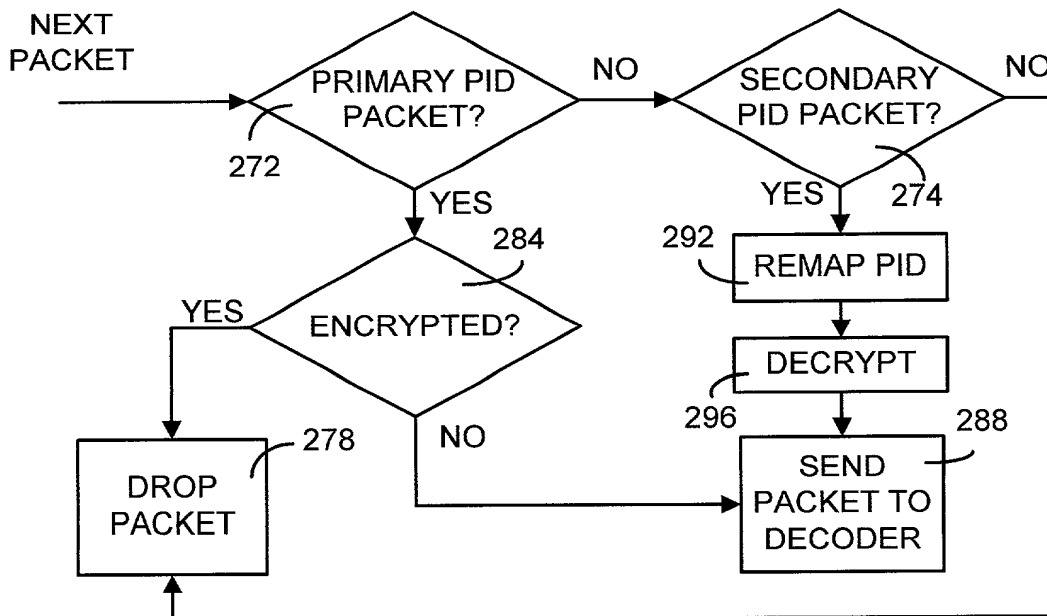
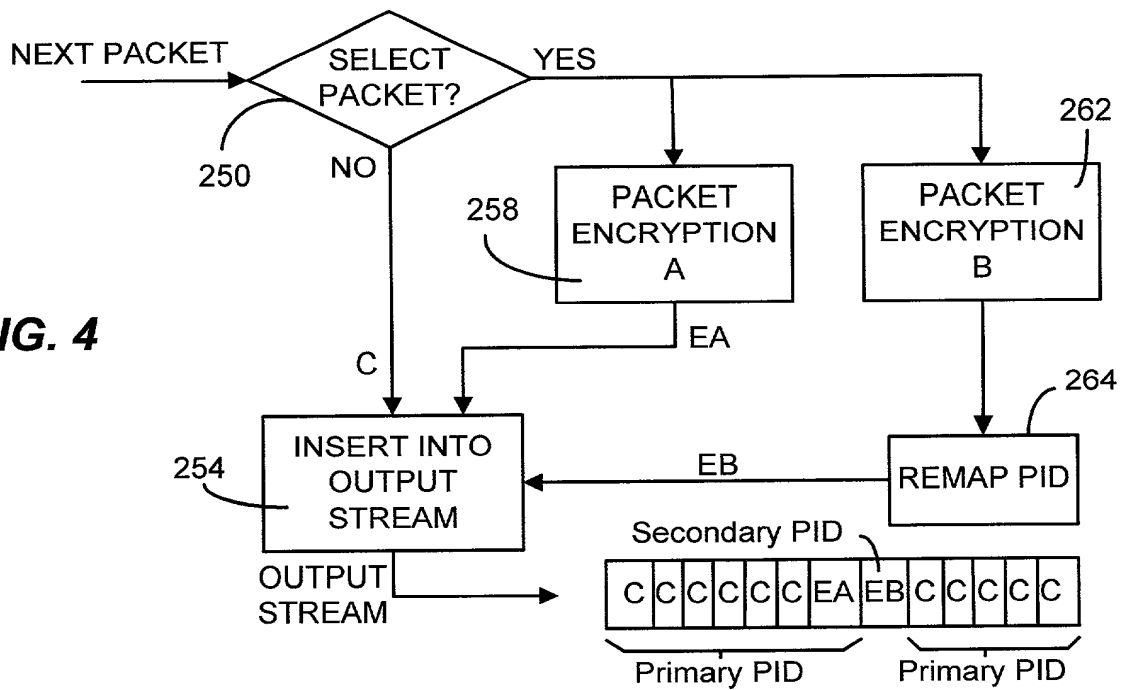


FIG. 5

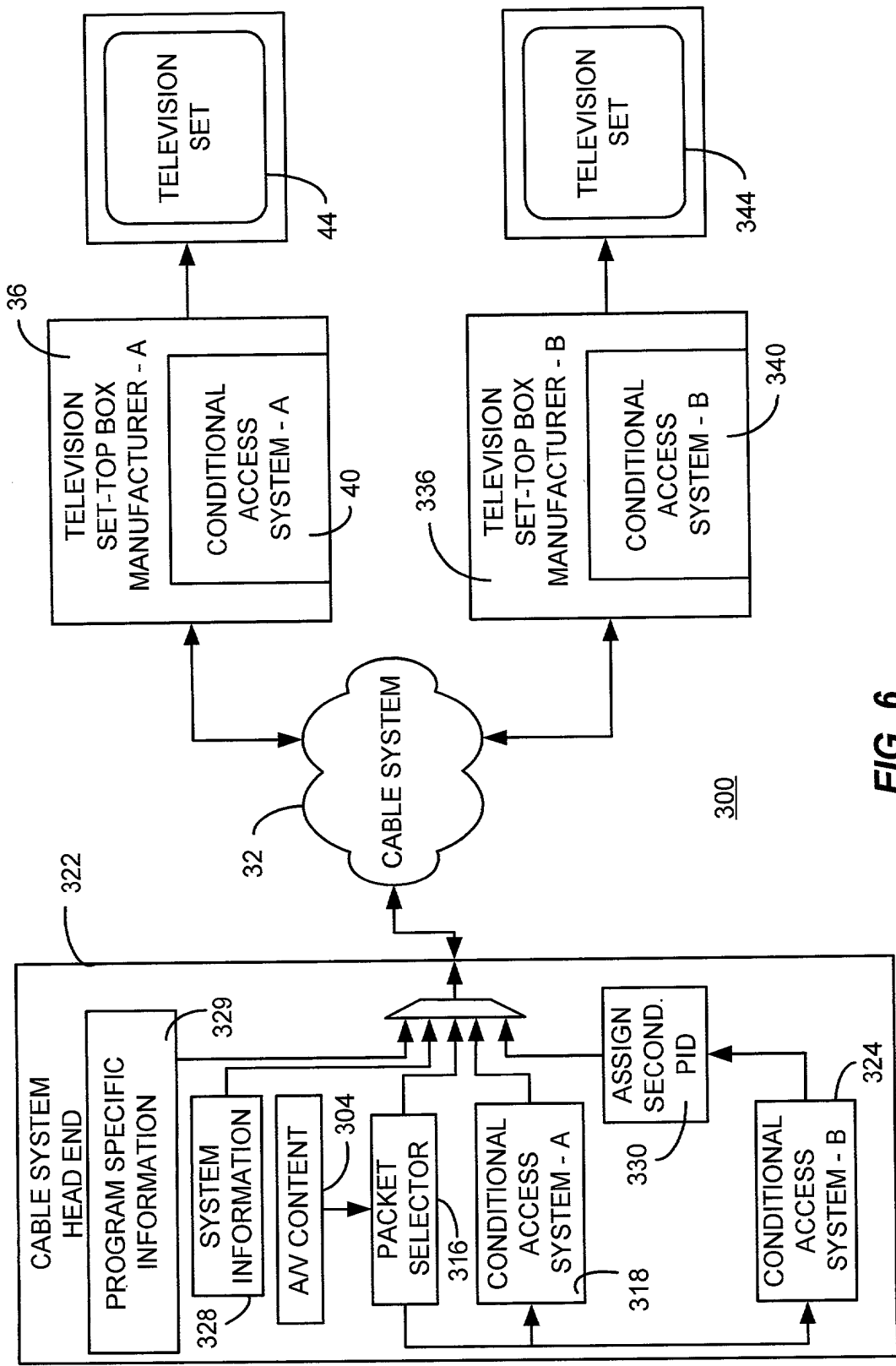


FIG. 6

FIG. 7

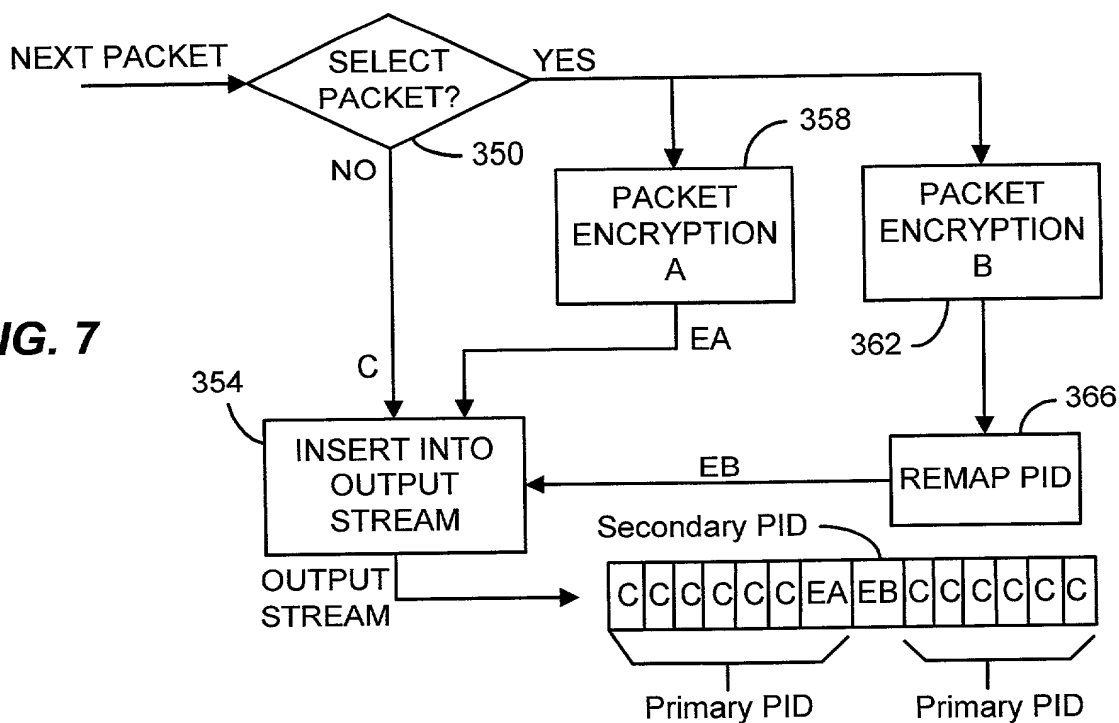
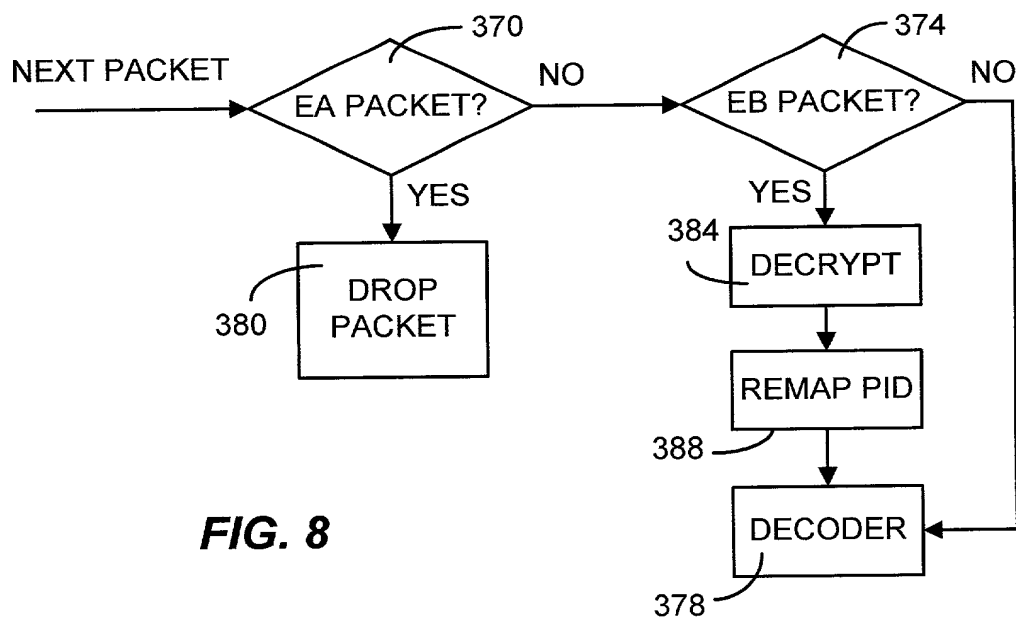


FIG. 8



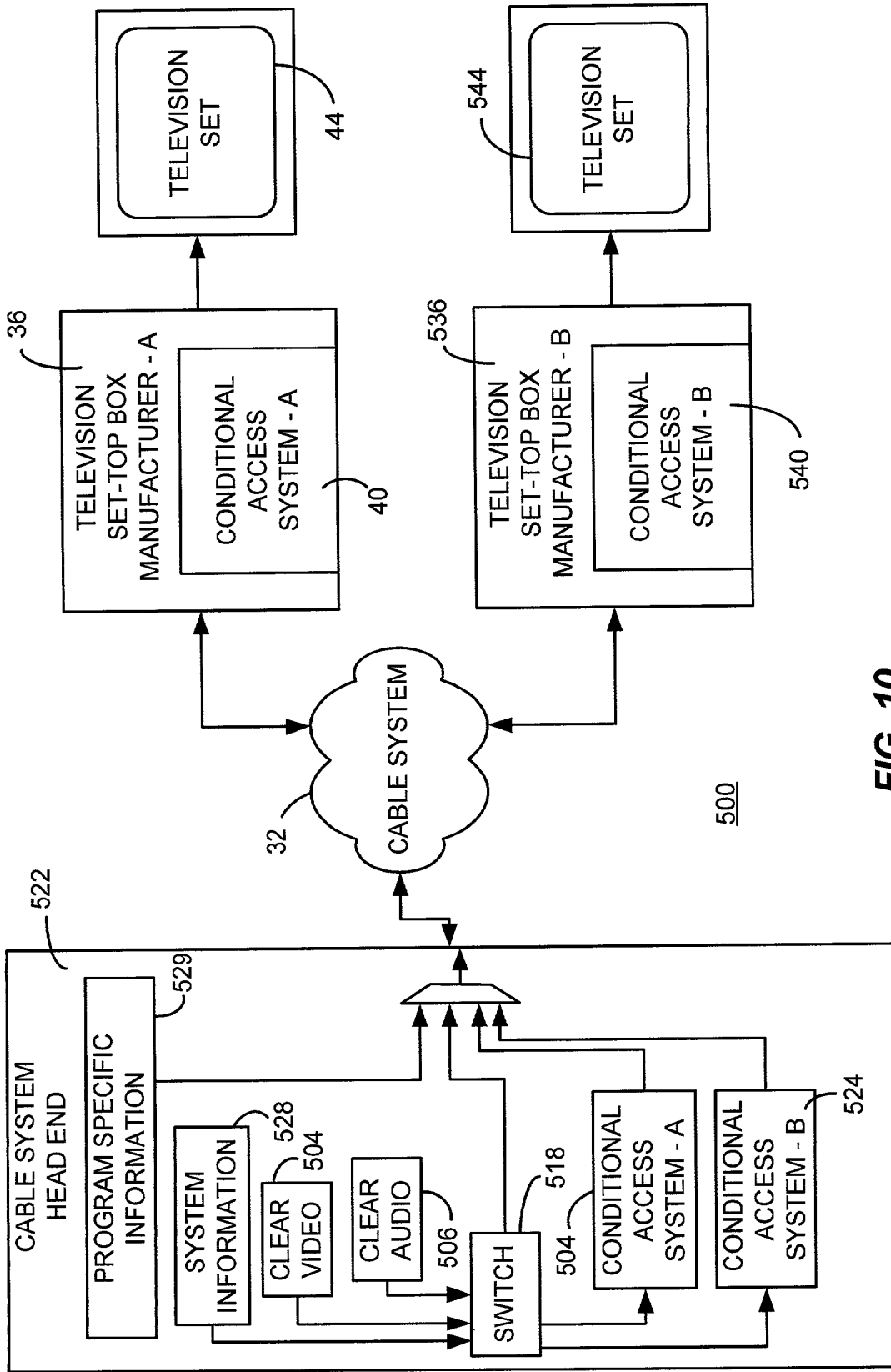


FIG. 10

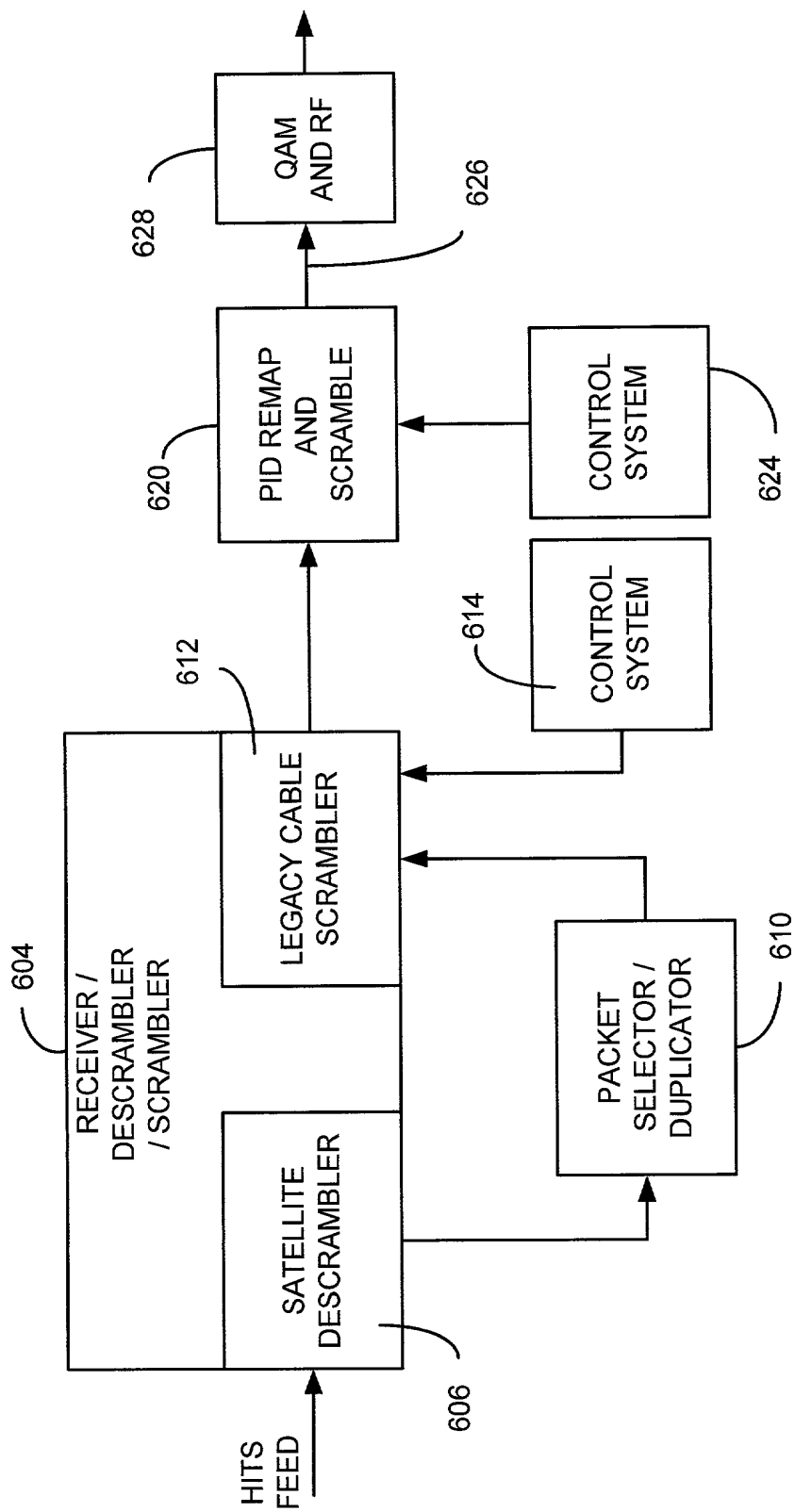


FIG. 11

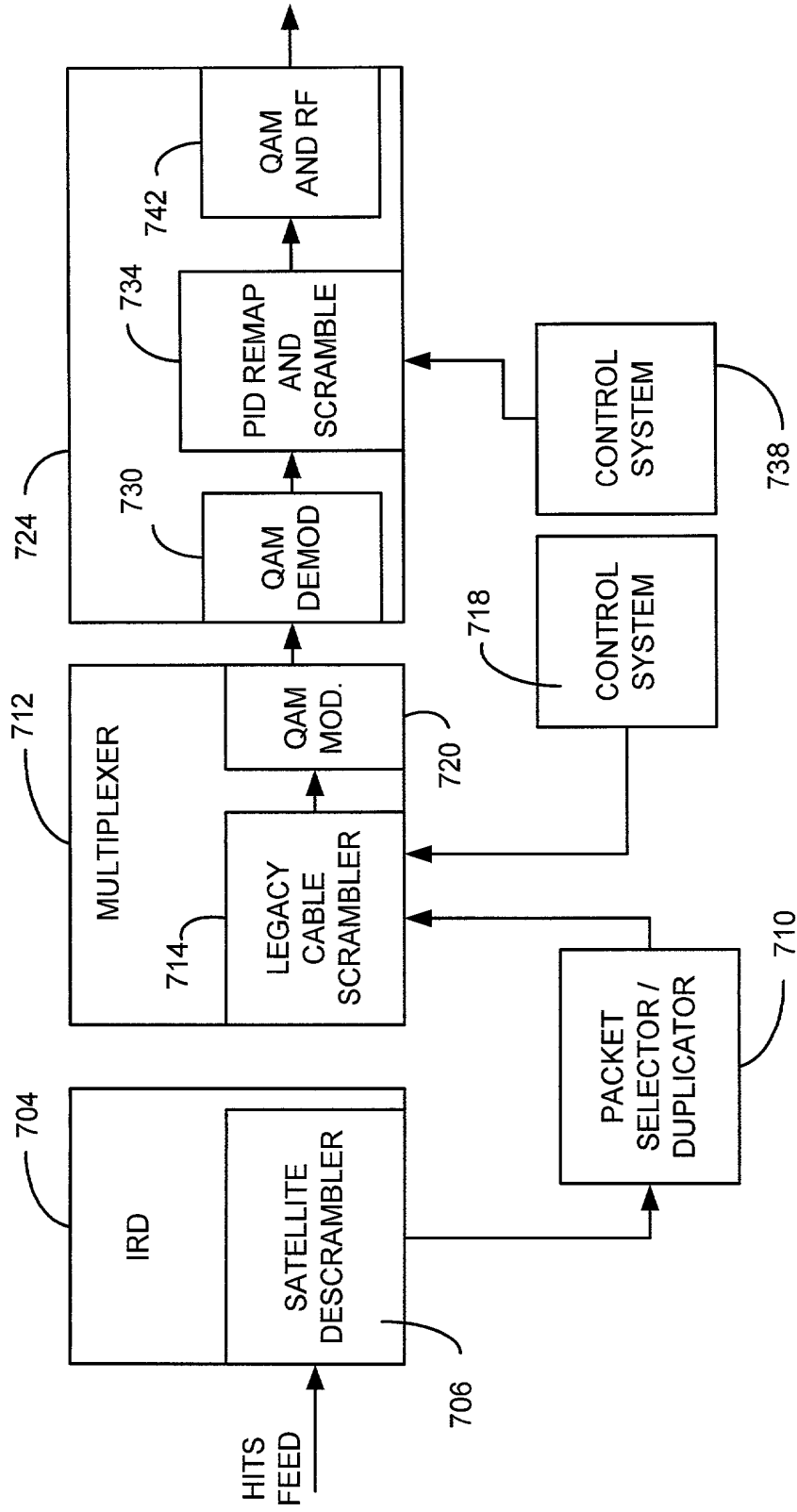
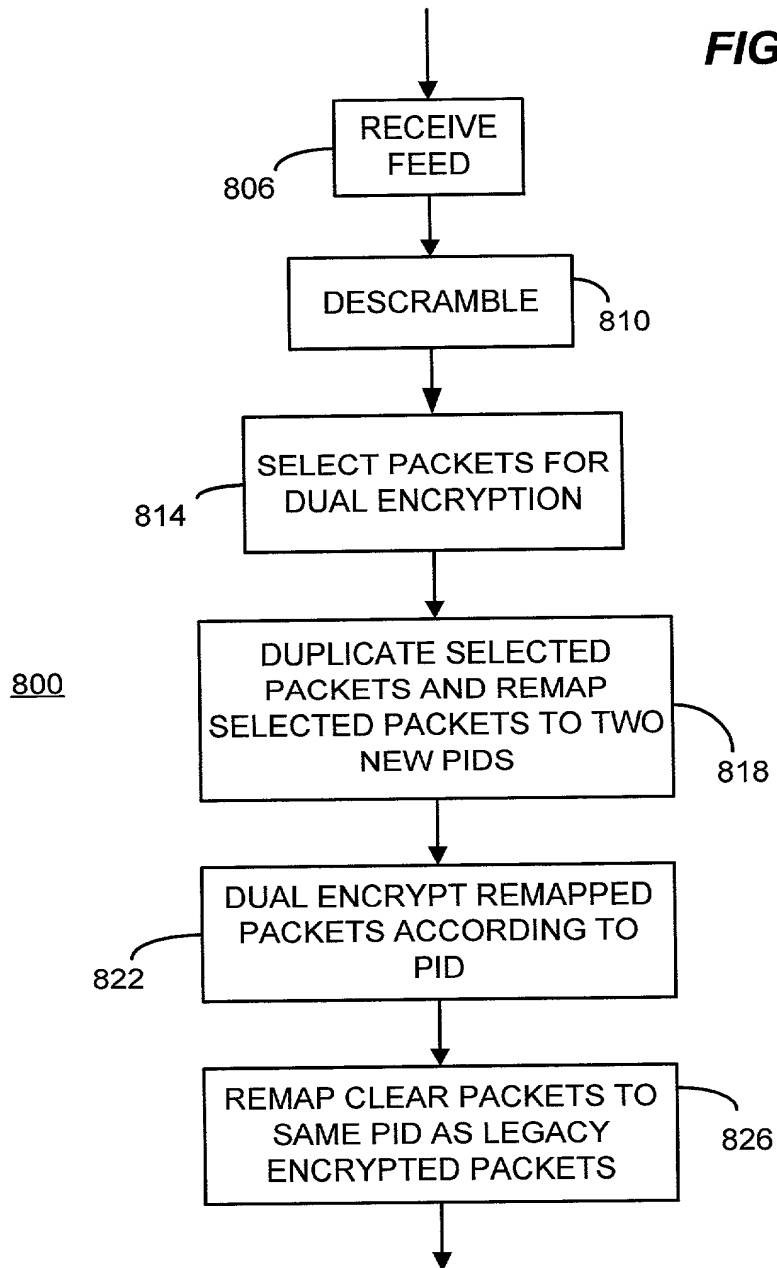


FIG. 12

FIG. 13



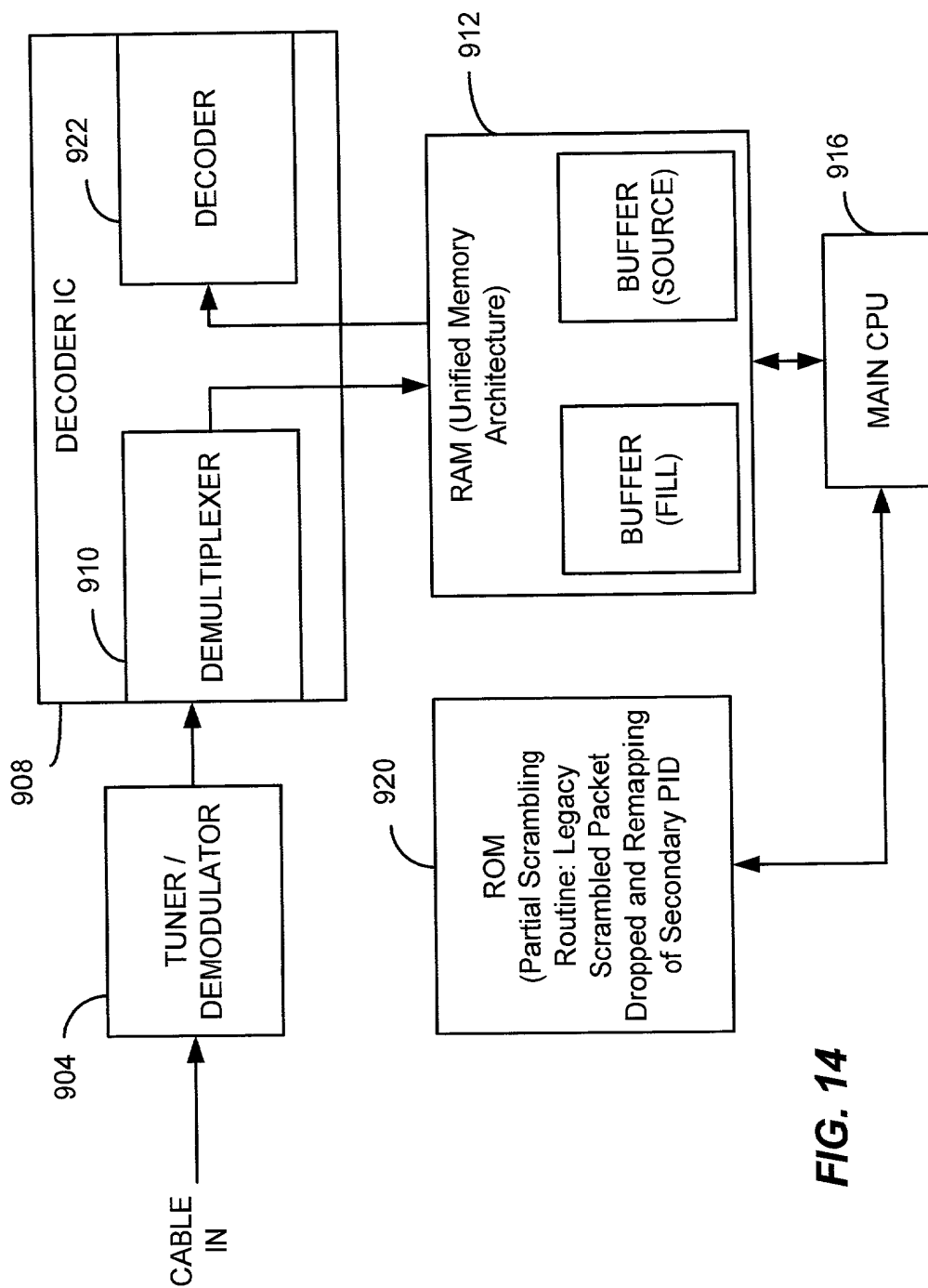


FIG. 14

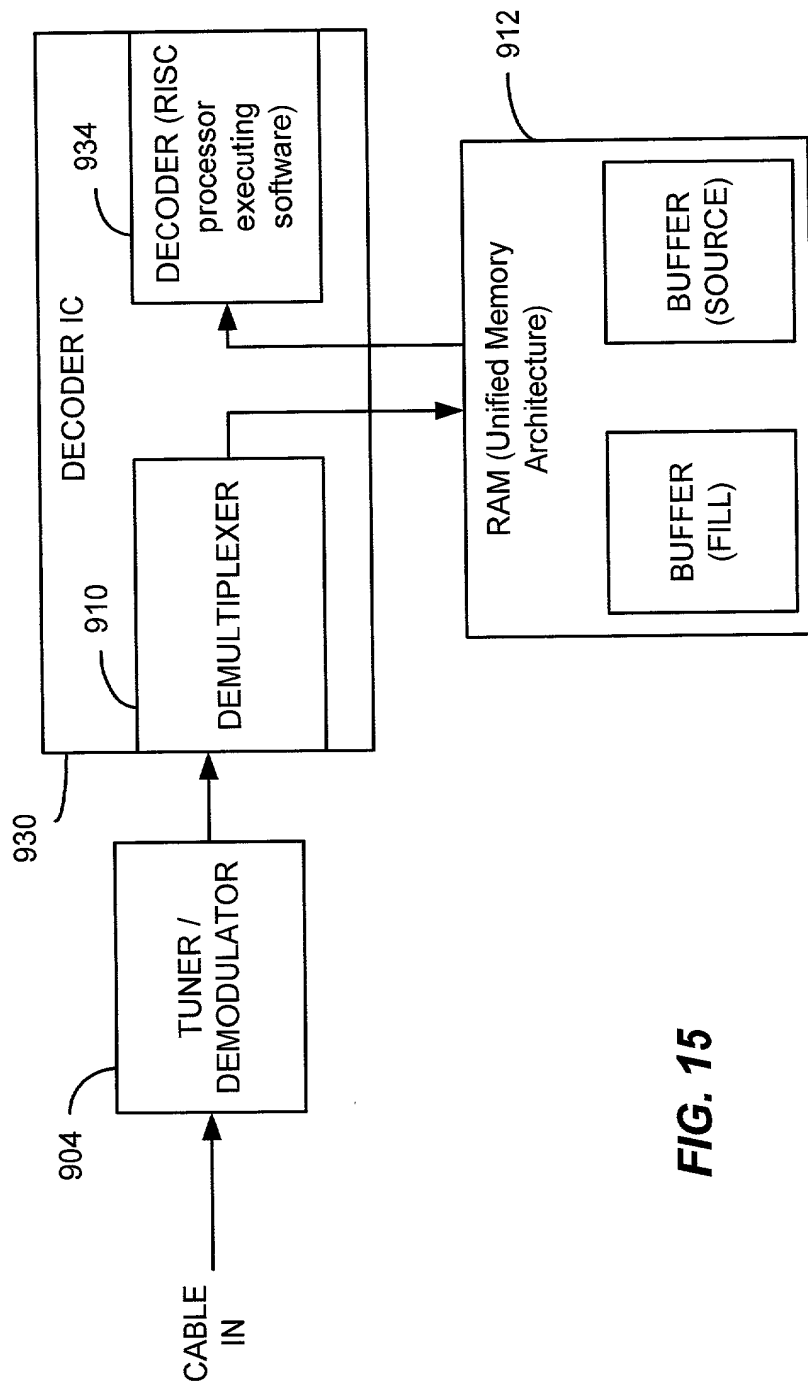


FIG. 15

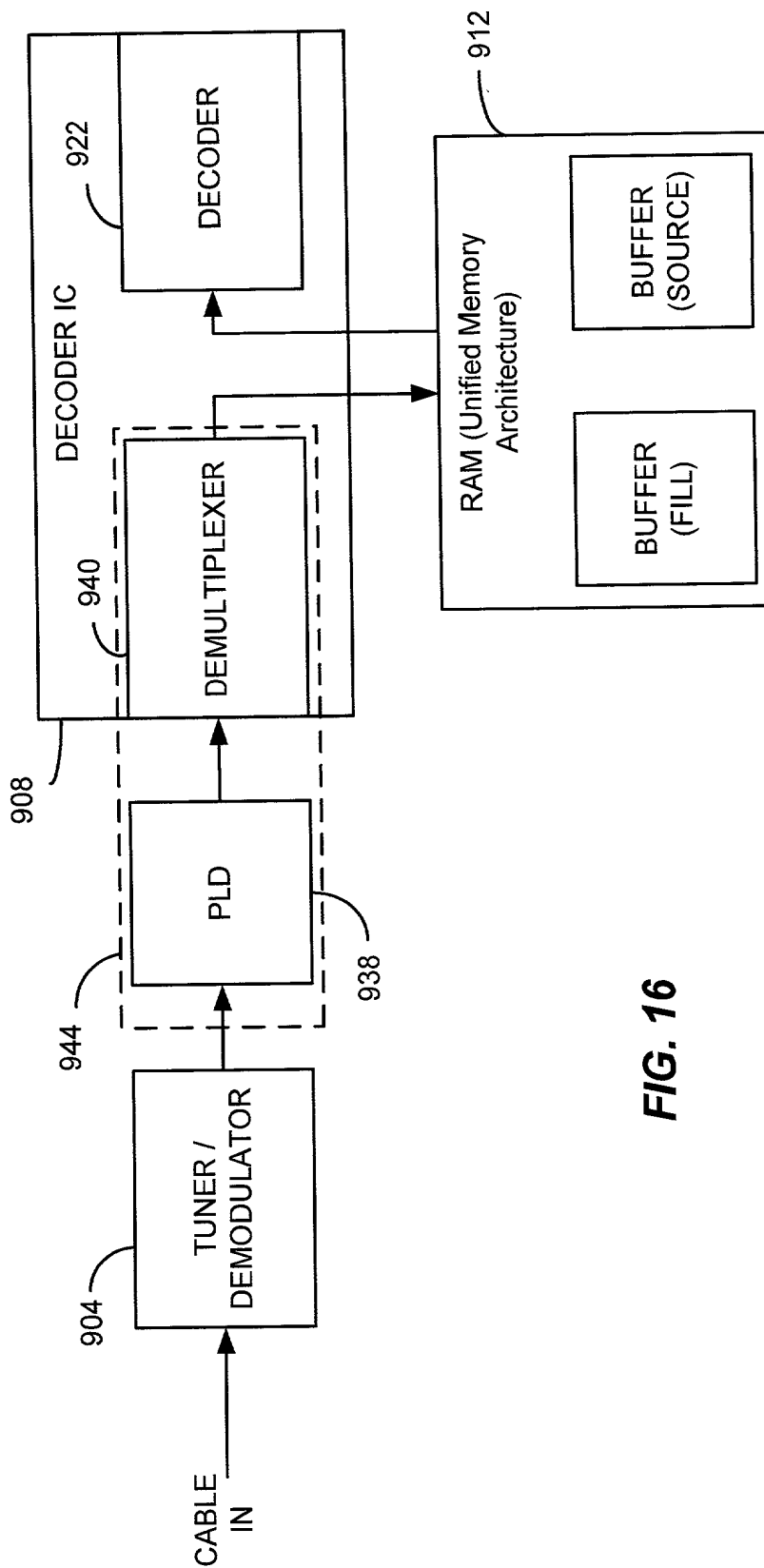


FIG. 16

FIG. 17 is a flowchart illustrating a process for handling an input packet stream. The process begins with an input packet stream (950) entering a PID Identifier block. The PID Identifier outputs a Secondary PID (SEC. PID) and a Primary PID (PRI. PID). The SEC. PID is processed by a Check Continuity Counter (954), which then checks for a Secondary Flag (962). If the flag is set (YES), it leads to a Note Error block (964) and then to a Change Continuity Count block (968). If the flag is not set (NO), it leads to a Note Error block (956). The PRI. PID is processed by a Check Continuity Counter (958), which then checks for a Scrambled flag (970). If the flag is set (YES), it leads to a Note Error block (960). If the flag is not set (NO), it leads to a Flags Match? decision block (984). The Flags Match? block checks if the flags match. If YES, it leads to a Note Error block (988). If NO, it leads to a Set PRI. Flag block (980), which then checks for a Primary Flag (974). If the flag is set (YES), it leads to a Note Error block (976). If the flag is not set (NO), it leads to a Discard block (978). The process concludes with a Change PID & Clear Flags block (992) leading to the Output Stream.

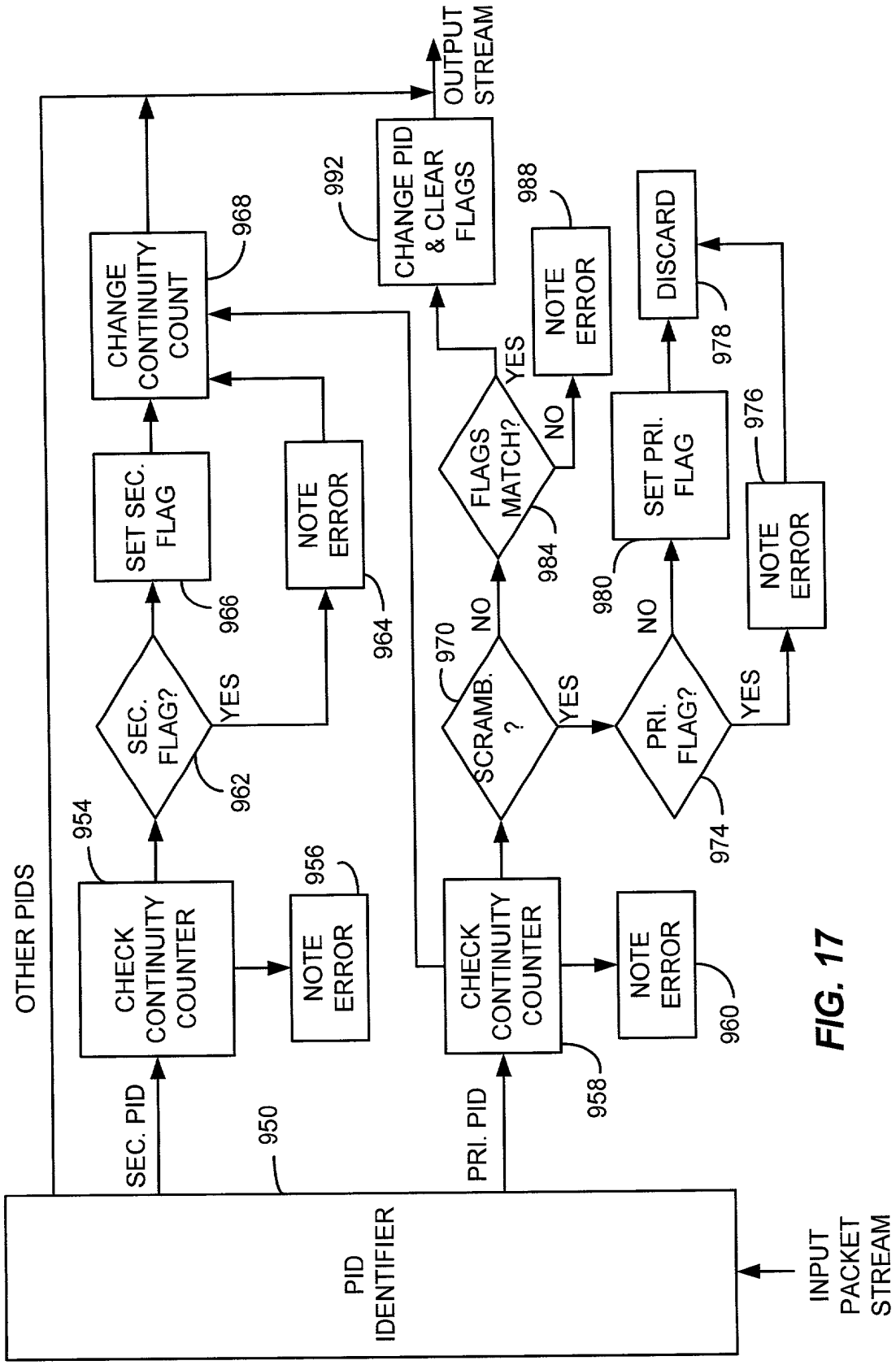


FIG. 17

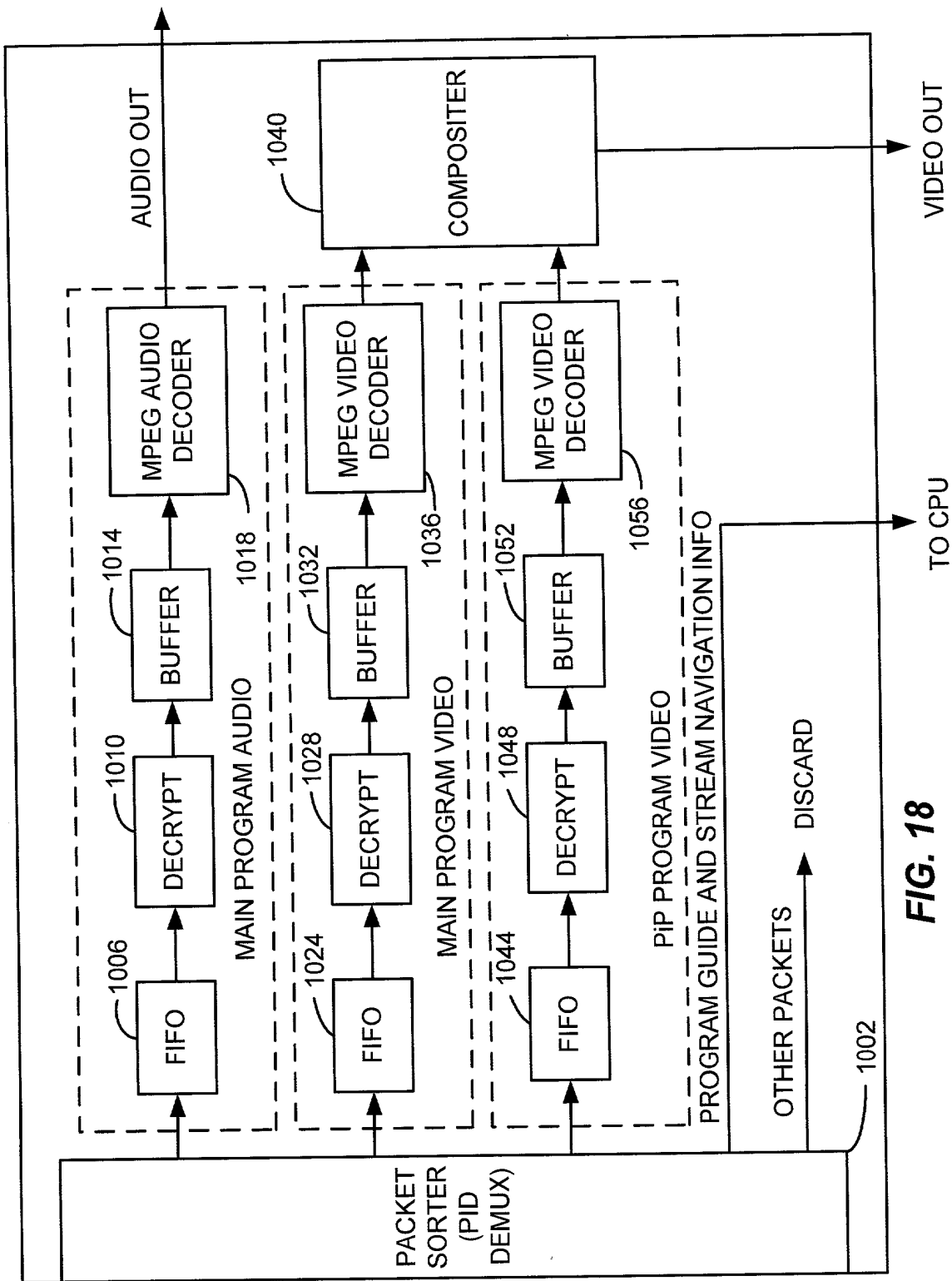


FIG. 18